Personal Protective Equipment

Hand Protection

Types of hand protection

- Mitts
- Finger cotts
- Thimbles
- Hand pads

Types of hand protection

- Sleeves or forearm cuffs
- Gloves
  - Chemical resistant
  - Leather
  - Metal mesh
  - Plastic film

Types of hand protection

- Physical conditions
  - Breakthrough
  - Dexterity
  - Length
  - Size

Types of hand protection

- Breakthrough
  - How fast will gloves break down and allow chemicals to seep through

Types of hand protection

- Dexterity
  - How much flexibility does the glove have? Does it provide more or less support than other types of gloves.

Types of hand protection

- Length
  - How exposed are your arms? The glove length must match the amount of exposure

Types of hand protection

- Size
  - Gloves that are too small can tire your worker's hands, and gloves that are too large are clumsy to work with.

Types of hand protection

- Barrier creams
  - Vanishing
  - Water-repellent
  - Solvent-repellent
  - Sunscreen

Safe glove use

- Proper donning, doffing, adjustment, use
- Inspect gloves for defects
- Apply powder to hands

Safe glove use

- Be cautious when wearing gloves near machinery
- Wash or rinse reusable gloves
- Pull glove off by cuff, not by the fingers

Safe glove use

- Turn glove inside out when removing
- Store reusable gloves away from heat sources

Safe glove use

- Contaminated gloves may need special disposal

Safe glove use

- Barrier creams
  - Clean and dry hands before applying
  - Reapply frequently
  - Wash off cream before eating

Limitations of hand protection

- Use the proper glove for the job
- Gloves break down over time
- Proper fit is essential
- Limits dexterity

Care, maintenance, use, disposal

- Requires proper fit
- Maintain in clean, serviceable condition
- Keep clean

Care, maintenance, use, disposal

- Inspect at regular intervals
- Follow manufacturer’s instructions

Housekeeping

- Good housekeeping is an element of personal protection
- Helps prevent injury

Housekeeping

- Moisturizing skin lotion
  - Fights infection
  - Puts back moisture
  - Prevents dermatitis

Hand protection is needed to protect against

- Mechanical injuries
- Extreme heat or cold
- Electric shock or burns
- Skin irritation from chemicals or germs

Personal Protective Equipment - Hand Protection

- Are there any questions?